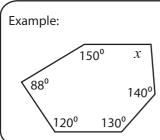
Interior Angle



Sum of the interior angles = (Number of sides - 2) \times 180°

$$= (6 - 2) \times 180^{0}$$

$$= 4 \times 180 = 720^{\circ}$$

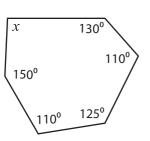
Sum of the interior angles = $120^{\circ} + 140^{\circ} + 130^{\circ} + 150^{\circ} + 88^{\circ} + x$

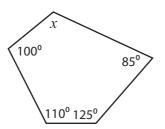
$$720^{0} = 628^{0} + x$$

$$x = 720^{\circ} - 628^{\circ} = 92^{\circ}$$

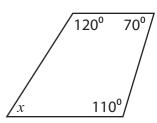
Find the interior angle for each irregular polygon.

1)





3)



Sum of the interior angles =

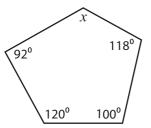


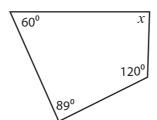
Sum of the interior angles = Sum of the interior angles =

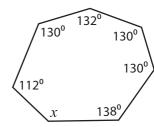




4)



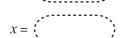




Sum of the interior angles =



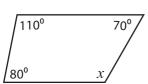
Sum of the interior angles =

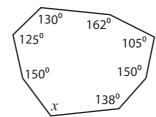


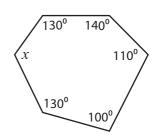
Sum of the interior angles =



7)







Sum of the interior angles =

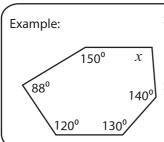


 $\stackrel{\bullet}{\triangleright}$ Sum of the interior angles =



Sum of the interior angles =

Answer Key



Sum of the interior angles = (Number of sides - 2) \times 180°

$$= (6 - 2) \times 180^{0}$$

$$= 4 \times 180 = 720^{\circ}$$

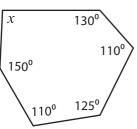
Sum of the interior angles = $120^{\circ} + 140^{\circ} + 130^{\circ} + 150^{\circ} + 88^{\circ} + x$

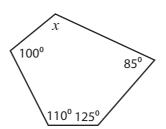
$$720^{0} = 628^{0} + x$$

$$x = 720^{\circ} - 628^{\circ} = 92^{\circ}$$

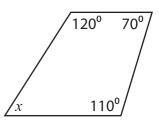
Find the interior angle for each irregular polygon.

1)





3)



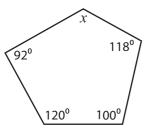
Sum of the interior angles = (720°) Sum of the interior angles = (540°) Sum of the interior angles = (360°)



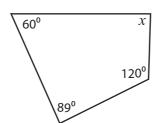




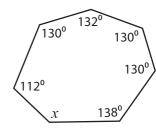
4)



5)



6)



Sum of the interior angles =



540° Sum of the interior angles =



Sum of the interior angles =

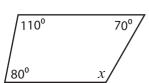


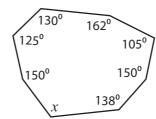
$$x = (110^{\circ})$$

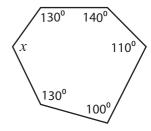
$$x = (91^{\circ})$$

$$x = (128^{\circ})$$

7)







Sum of the interior angles =



360° Sum of the interior angles = (1080°) Sum of the interior angles =





$$x = (100^{\circ})$$

$$x = (120^{\circ})$$